

Converting Colors

RGB(214, 240, 238)

Have a look what the booklet for
RGB(214, 240, 238) contains.

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Color

RGB(214, 240, 238)

Conversions

Conversions Part 1

Format	Color
Hex	D6F0EE
RGB	214, 240, 238
RGB Percent	84%, 94%, 93%
CMY	0.1608, 0.0588, 0.0667
CMYK	0.11, 0.00, 0.01, 0.06
HSL	175°, 46%, 89%
HSV	175°, 11%, 94%
XYZ	74.3243, 82.7894, 92.9516
YIQ	231.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

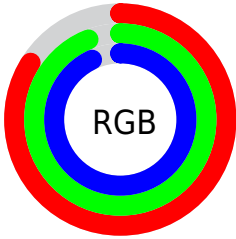
Format	Color
R _Y B	214, 228, 240
Decimal	14086382
CIE Lab	92.92, -8.85, -1.93
CIE LCh	93, 9.054, 192.308
Yxy	82.7894, 0.2972, 0.3311
Android (android.graphics.Color)	4292276462 (0xFFD6F0EE)
YUV	231.9980, 2.9590, -15.7842
Hunter-Lab	90.9887, -13.4221, 3.1230

Details

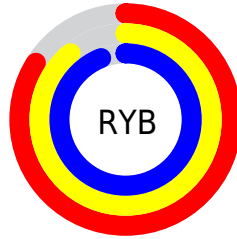
The RGB color **214, 240, 238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 214, 216**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 184, 182** is the 20% darker color. If you saturate the color by 10%, you get **190, 240, 236**, and if you desaturate by 10%, it is **238, 240, 240**.

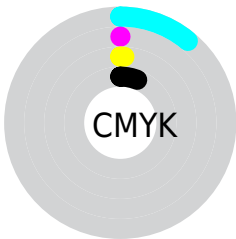
Distribution



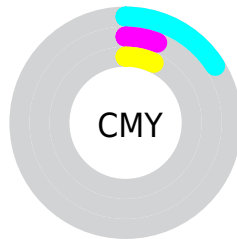
- Red (84%)
- Green (94%)
- Blue (93%)



- Red (84%)
- Yellow (89%)
- Blue (94%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 240, 238 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 214, 240, 238 by changing the saturation by 10% instead.

■ 214, 240, 238

255, 255, 255

■ 214, 240, 238

■ 186, 212, 210

■ 159, 184, 182

■ 133, 157, 155

■ 107, 131, 129

■ 83, 106, 104

■ 59, 82, 80

■ 37, 59, 57

■ 16, 37, 36

■ 0, 16, 14

 214, 240, 238

 214, 240, 238

 190, 240, 236

 238, 240, 240

 166, 240, 234

 255, 240, 242

 142, 240, 232

 255, 240, 244

 118, 240, 231

 255, 240, 245

 94, 240, 229

 255, 240, 247

 70, 240, 227

 255, 240, 249

 46, 240, 225

 255, 240, 251

 22, 240, 223

 255, 240, 253

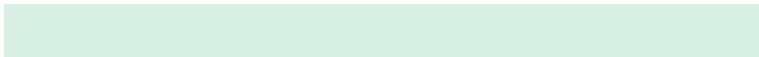
 0, 240, 222

 255, 240, 255

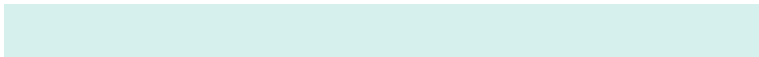
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 240, 229



214, 240, 238



214, 239, 246

Triad

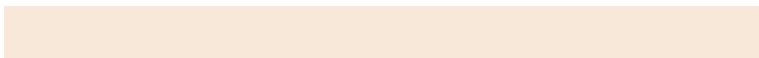
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 240, 238



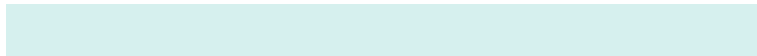
241, 231, 248



247, 232, 218

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



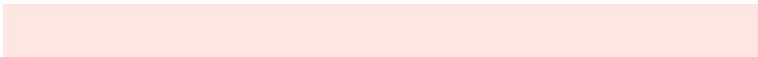
214, 240, 238



240, 214, 216

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 230, 223



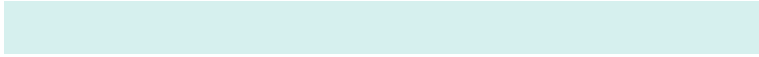
214, 240, 238



249, 229, 240

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214, 240, 238



230, 234, 252



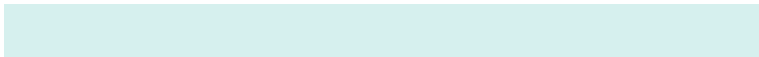
254, 229, 231



238, 235, 218

Rectangle

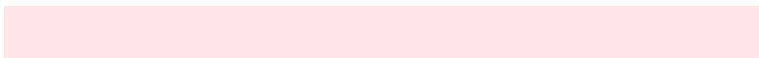
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



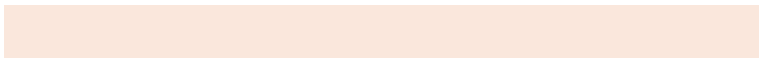
214, 240, 238



218, 238, 250



254, 229, 231



250, 231, 220

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



214, 240, 238



247, 255, 254



216, 240, 214



122, 128, 127



0, 0, 0



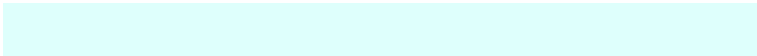
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 240, 238



222, 255, 252



214, 229, 240



108, 120, 119



0, 184, 169



0, 56, 52

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



240, 214, 216



255, 222, 224



240, 225, 214



120, 108, 109



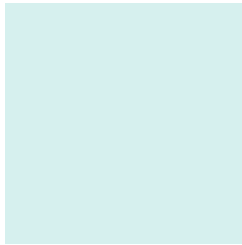
184, 0, 14



56, 0, 4

Previews

White Background



This preview shows how the RGB color 214, 240, 238 looks on a white background.

Color Contrast Check

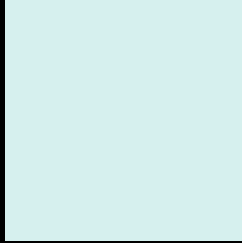
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 214, 240, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

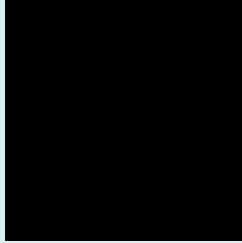
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

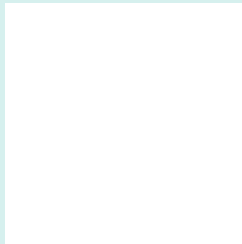
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 214, 240, 238 Background



This preview shows how black text looks on a background with the RGB color 214, 240, 238.



This preview shows how white text looks on a background with the RGB color 214, 240, 238.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

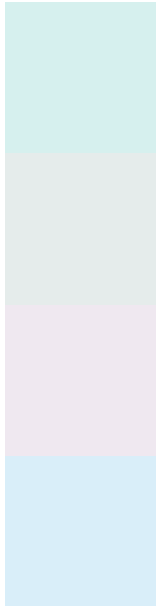
Dichromacy





Tritanopia
218, 237, 255

Trichromacy



Original Color

214, 240, 238

Protanomaly

229, 236, 235

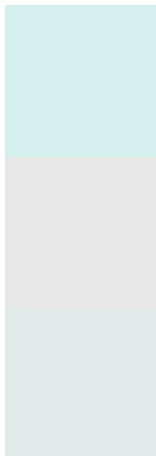
Deuteranomaly

239, 232, 240

Tritanomaly

217, 238, 249

Monochromacy



Original Color

214, 240, 238

Achromatopsia

232, 232, 232

Achromatomaly

225, 235, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 240, 238 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 240, 238)` looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 238) }
```

Border

The CSS property to change the border of an element to RGB 214, 240, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 240, 238) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 240, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 240, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 240, 238); box-shadow:4px 4px 4px 4px rgb(214, 240, 238) }
```

Background

The CSS property to change the background color of an element to RGB 214, 240, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 240, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
240, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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